

PATENT PROSECUTION RECEIPT OF FILING

129248
Venable Filing Number

Atty. Docket No:

Title of Application:

32011-224744

METHOD OF BONDING MOLECULES
AND MOLECULE BONDING
APPARATUS

OCT 24 2005
USPTO

Attorney/LAA:

JAK/Irh

PTO Due Date:

October 25, 2005

Current Date:

October 24, 2005

Application No: New National Stage

Filing Date: October 24, 2005

Patent No. :

Issue Date:

The following items were received from Venable LLP, Washington, D.C., by the U.S. Patent & Trademark Office on the date stamped hereon:

U.S. PTO FEES ENCLOSED

- Transmittal Letter
- Fee Transmittal Letter
- New U.S. Provisional Application (pages of specification/claims)
- Rule 53(d) Continued Prosecution Application
- Rule 53(b) Continuation or Divisional Application (*attach copy of specification, claims, drawings and declaration*)
- U.S. National Stage Application of PCT Application
- Request for Continued Examination (RCE) under 37 CFR 1.114
- Response
- Substitute Specification
- Priority Document-Cert. Copy of Appln.#: ; Country
- Date Filed:
- Formal Drawings (sheets, Figs.)
- Inventor Declaration
- Assignment w/Cover Sheet
- Response to Notice to File Missing Parts
- Response to Notice to File Missing Requirements
- Response to Restriction Requirement
- Information Disclosure Statement with 5 cited references
- Response
- Amendment/ Preliminary Amendment
- Petition/Request for Extension of Time (mo. ext.)
- Power of Attorney
- Petition to Revive
- Sequence Listing – CDR Enclosed? Yes No
- Request for Non-Publication
- Request to Rescind Non-Publication Request
- Terminal Disclaimer
- Notice of Appeal
- Appeal Brief (*in triplicate*)
- Reply Brief (*in triplicate*)/ Request for Oral Hearing
- Confirmation of Hearing Petition
- Issue Fee Transmittal
- Certificate of Correction
- Maintenance Fee Transmittal
- Status Inquiry
- Other: (*Please describe below*)

Application Data Sheet, PCT/IPEA/401, PCT/IB/304

English Translation of the Amendments to Claims

1000	Filing Fee
260	Surcharge Fee
750	Additional Claim Fee
40	Recordation/Indexing Fee
	IDS Fee
	Extension Fee
	Notice of Appeal Fee
	Brief on Appeal
	Oral Hearing Request Fee
	Petition Fee
	Issue Fee
	Publication Fee
	Maintenance Fee
	Other Fees (Describe)
\$2050	Total Fees Paid

Check Number

Attached

Charge Deposit Account No.
22-0261*

*If the Deposit Account was used, was a copy of this form sent to Accounting?

Yes No

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER
32011-224744

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. PCT/JP2004/005877	INTERNATIONAL FILING DATE 23 April 2004	PRIORITY DATE CLAIMED 25 April 2003
--	--	--

TITLE OF INVENTION METHOD OF BONDING MOLECULE AND MOLECULE BONDING APPARATUS

APPLICANT(S) FOR DO/EO/US NATIONAAL INSTITUTE OF INFORMATION AND COMMUNICATIONS
TECHNOLOGY, INCORPORATED ADMINISTRATIVE AGENCY

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information: Return Receipt Postcard, PCT/IPEA/401, PCT/IB/304,

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

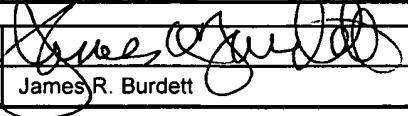
U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/JP2004/005877		ATTORNEY'S DOCKET NUMBER 32011-224744	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee \$300				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100 All other situations \$200					
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared and provided to the Office \$400 All other situations \$500				\$ 200.00	
TOTAL OF 21, 22 and 23 =				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
51 - 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$ 130.00	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		35 - 20 =	15	x 50	\$ 750.00
Independent claims		2 - 3 =		x	\$
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				\$	
SUBTOTAL =				\$ 1,880.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$ 130.00	
TOTAL NATIONAL FEE =				\$ 2,010.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded:	\$
				Amount to be charged:	\$ 2,050.00
a. <input type="checkbox"/>	A check in the amount of \$ _____ to cover the above fees is enclosed.				
b. <input checked="" type="checkbox"/>	Please charge my Deposit Account No. 22-0261 in the amount of \$ 2,050.00 to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0261. A duplicate copy of this sheet is enclosed.				
d. <input type="checkbox"/>	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
 SIGNATURE: Jeffri A. Kaminski NAME					
CUSTOMER NUMBER: 26694					
42,709					
REGISTRATION NUMBER					

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

<i>Effective on 12/08/2004.</i> <i>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</i>		Complete if Known	
		Application Number	10/554,059
		Filing Date	October 24, 2005
		First Named Inventor	Akiro Otomo
		Examiner Name	Not Yet Assigned
		Art Unit	Not Yet Assigned
TOTAL AMOUNT OF PAYMENT	(\$) 0.00	Attorney Docket No. 32011-224744	

METHOD OF PAYMENT (check all that apply)					
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input checked="" type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____					
<input type="checkbox"/> Deposit Account Deposit Account Number: <u>22-0261</u> Deposit Account Name: <u>Venable LLP</u>					
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)					
<input type="checkbox"/> Charge fee(s) indicated below			<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee		
<input type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17			<input type="checkbox"/> Credit any overpayments		

FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fees Paid (\$)
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____
2. EXCESS CLAIM FEES							
Fee Description							
Each claim over 20 (including Reissues)							
Each independent claim over 3 (including Reissues)							
Multiple dependent claims							
Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims			
- 20 =	x	=	_____	Fee (\$)	Fee Paid (\$)	_____	
HP = highest number of total claims paid for, if greater than 20.							
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	_____			
- 3 =	x	=	_____	_____			
HP = highest number of independent claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)			
- 100 =	/50	(round up to a whole number) x	=	Fees Paid (\$)	_____		
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): _____							

SUBMITTED BY	
Signature	
Registration No. (Attorney/Agent)	31,594
Telephone	(202) 344-4000
Name (Print/Type)	James R. Burdett
Date	September 1, 2006